## AMENDMENTS TO THE CLAIMS

1-45. (Canceled).

- 46. (Currently Amended) A method for preventing and/or treating an amyloid-related disease in a subject, comprising administering to said subject a vaccine for generating anti-amyloidogenic antibodies, wherein said vaccine comprises a peptide comprising an amino acid sequence as set forth in SEQ ID NO: 13 and an adjuvant, and the amino acids of SEQ ID NO: 13 consist entirely of [D]-amino acids.
- 47. (Previously Presented) The method of claim 46, wherein said peptide comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 50, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 59, and SEQ ID NO: 62.
- 48. (Previously Presented) The method of claim 47, wherein said amino acid sequence of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 50, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 59, or SEQ ID NO: 62 consists entirely of [D]-amino acids.

- 49. (Previously Presented) The method of claim 46, wherein said peptide is made entirely of [D]-amino acids and comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 50, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 59, and SEQ ID NO: 62.
- 50. (Previously Presented) The method of claim 49, wherein said peptide consists of a peptide having an amino acid sequence selected from the group consisting of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 13, SEQ ID NO: 15, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 50, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 59, and SEQ ID NO: 62.
- 51. (Previously Presented) The method of claim 46, wherein said peptide further comprises:
  - (a) an N-terminal substituent selected from the group consisting of: hydrogen, lower alkyl group that is either acyclic or cyclic and has 1 to 8 carbon atoms, aromatic group, heterocyclic group, and acyl group; and
  - (b) a C-terminal substituent selected from the group consisting of hydroxy, alkoxy, aryloxy, and unsubstituted and substituted amino groups.
- 52. (Previously Presented) The method of claim 46, wherein said peptide is conjugated to a carrier.

53.	(Previously	Presented)	The	method	of	claim	52,	wherein	said	carrier	is	keyhole	limpet
hemoc	yanin (KLH)												

- 54. (Canceled).
- 55. (Currently Amended) The method of claim 46 [[54]], wherein said adjuvant is selected from the group consisting of granulocyte-macrophage colony-stimulating factor, interleukin-12, GM-CSF, synthetic muramyl dipeptide analog, monophosphoryl lipid A, lactic acid bacteria, Al(OH)<sub>3</sub>, muramyl dipeptides, and saponins.
- 56. (Previously Presented) The method of claim 46, wherein said anti-amyloidogenic antibodies alter levels of soluble amyloid-β in the brain of said subject.
- 57. (Previously Presented) The method of claim 46, wherein said anti-amyloidogenic antibodies prevent fibrillogenesis in the brain of said subject.
- 58. (Previously Presented) The method of claim 46, wherein said amyloid-related disease is a neurodegenerative disorder.
- 59. (Previously Presented) The method of claim 58, wherein said neurodegenerative disorder is cerebral amyloid angiopathy.

- 60. (Previously Presented) The method of claim 58, wherein said neurodegenerative disorder is Alzheimer's disease.
- 61. (Currently Amended) A method for preventing and/or treating Alzheimer's disease in a subject, comprising administering to said subject a vaccine for generating anti-amyloidogenic antibodies, wherein said vaccine comprises a peptide comprising an amino acid sequence as set forth in SEQ ID NO: 13 and an adjuvant, and the amino acids of said SEQ ID NO: 13 consist entirely of [D]-amino acids.
- 62. (Currently Amended) A vaccine for generating anti-amyloidogenic antibodies in a subject, the vaccine comprising a peptide comprising an amino acid sequence as set forth in SEQ ID NO: 13 and an adjuvant, wherein the amino acids of said SEQ ID NO: 13 consist entirely of [D]-amino acids.
- 63. (Previously Presented) The vaccine of claim 62, wherein said peptide comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 50, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 59, and SEQ ID NO: 62.

- 64. (Previously Presented) The vaccine of claim 63, wherein said amino acid sequence of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 50, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 59, or SEQ ID NO: 62 consists entirely of [D]-amino acids.
- (Previously Presented) The vaccine of claim 62, wherein said peptide is made entirely of [D]-amino acids and comprises an amino acid sequence selected from the group consisting of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 15, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 50, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 59, and SEQ ID NO: 62.
- 66. (Previously Presented) The vaccine of claim 65, wherein said peptide consists of a peptide having an amino acid sequence selected from the group consisting of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 7, SEQ ID NO: 10, SEQ ID NO: 13, SEQ ID NO: 15, SEQ ID NO: 18, SEQ ID NO: 21, SEQ ID NO: 23, SEQ ID NO: 25, SEQ ID NO: 26, SEQ ID NO: 27, SEQ ID NO: 50, SEQ ID NO: 53, SEQ ID NO: 56, SEQ ID NO: 59, and SEQ ID NO: 62.
- 67. (Previously Presented) The vaccine of claim 62, wherein said peptide further comprises:
  - (a) an N-terminal substituent selected from the group consisting of: hydrogen, lower alkyl group that is either acyclic or cyclic and has 1 to 8 carbon atoms, aromatic group, heterocyclic group, and acyl group; and

- (b) a C-terminal substituent selected from the group consisting of hydroxy, alkoxy, aryloxy, and unsubstituted and substituted amino groups.
- 68. (Previously Presented) The vaccine of claim 62, wherein said peptide is conjugated to a carrier.
- 69. (Previously Presented) The vaccine of claim 68, wherein said carrier is keyhole limpet hemocyanin (KLH).
- 70. (Canceled).
- 71. (Currently Amended) The vaccine of claim <u>62</u> [[70]], wherein said adjuvant is selected from the group consisting of granulocyte-macrophage colony-stimulating factor, interleukin-12, GM-CSF, synthetic muramyl dipeptide analog, monophosphoryl lipid A, lactic acid bacteria, Al(OH)<sub>3</sub>, muramyl dipeptides, and saponins.
- 72. (Currently Amended) A vaccine for preventing and/or treating Alzheimer's disease in a subject, the vaccine comprising a peptide comprising an amino acid sequence as set forth in SEQ ID NO: 13 and an adjuvant, wherein the amino acids of said SEQ ID NO: 13 consist entirely of [D]-amino acids.